

after grouting. See Detail "N".

at electroliers and pull boxes.

shall not exceed 1.5 mm.

NOTES



I. Anchor bolt or stud length shall be such that thread

2. Electrolier anchor bolts shall be held in position for

extends 13 mm maximum above nut on level base plate

Deviation from the true position, vertical and height,

pouring by means of anchor plates and suitable templates.

3. See railing sheets for reinforcement and structural details

## See Note I See Note I Plug with 40 mm long Galv "Allen Head" Steel studset screw. Lubricate threads with graphitized grease. Top of finished railing Sleeve nut, 76 mm long Anchor plate Typ 3 mm Min 90 mm Long bolt - Anchor plate

FOR IMMEDIATE INSTALLATION

8

 $(\times)$ 

¥-

10 mm Steel plate. Drill 4 holes at

Galvanizing of

specified bolt circle

plate not required.

as shown in Table BC.

4

FOR FUTURE INSTALLATION WITH PLUG

FOR INSTALLATION ON FUTURE ANCHORAGE WITH STUD

## DETAIL B **ELECTROLIER ANCHORAGES**

Bolt circle see Table BC

After plumbing standard, place mortar all around bolts. Finish with 45° to 90° slope. Provide 50 mm Min 10 mm to 20 mm drain -75 mm Max hole at low point. Top of Axis of luminaire finished railing arm-\_ 30 mm Typ Leave center void. Provide IO mm to 20 mm 8 drain hole.

TABLE BC Bolt Anchor Bolt Circle Diameter 15 305 mm 25 mm

21 305 mm

ANCHOR PLATE

32 mm

DETAIL N GROUTING AT ELECTROLIER

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

## **ELECTRICAL SYSTEMS** (LIGHTING STANDARDS TYPES 15 AND 21 BARRIER RAIL MOUNTED DETAILS)

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

ES-6B

NO SCALE